

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	16	@ad<"20030730" and filter\$3 and (pcm or (pulse adj code adj modulation)) and (sap or (secondary adj audio adj program\$1)) and (fm or (frequency adj modulation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 19:28
S1	109568	(david.in. or wu.in.) and approximat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 19:26
S2	85787	S1 and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 14:22
S3	2183	S2 and quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:39
S4	1880	S3 and phase\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:40
S5	32	S4 and "708"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:40
S6	0	(david.in. and wu.in.) and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:41
S7	10	(david.in. and wu.in.) and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:41

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S8	20081	"708"/\$.ccls. and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:43
S9	1343	S8 and (approximat\$3.ti. or approximat\$3.clm. or approximat\$3. ab.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:43
S10	592	S9 and (invers\$3 or reciprocal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:48
S11	66	S10 and quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:43
S12	58	S11 and phase\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:51
S13	202	S8 and approximat\$3 and demodulat\$3 and error\$1 and quadrature and phase\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:52
S14	198	S13 and (frequency or FM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:00
S15	112	S14 and estimat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 10:54

## EAST Search History

S16	66	S15 and (invers\$3 or reciprocal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 11:03
S17	402	((FM or (frequency adj modulation)) adj demodulation) and @ad<"20030730" and (approximat\$3 or estimat\$3) and error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 11:04
S18	3	S17 and "708"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 11:11
S19	97	708/502,654.ccls. and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 11:11
S20	1	S19 and quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 11:12
S21	3	("4893316"   "5623521"   "5757858").PN. OR ("6002726"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 11:13
S22	7720	S8 and (frequency or FM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:00
S23	899	S22 and quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:00
S24	817	S23 and phase\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:00

## EAST Search History

S25	397	S24 and 708/200,290,300-323,490, 502,650,654-656.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:01
S26	300	S25 and (approximat\$3 or estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:02
S27	248	S26 and \$2modulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:02
S28	207	S27 and error\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:03
S29	120	S28 and gain\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:04
S30	2	S29 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:05
S31	15	S29 and Fm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:05
S32	3	"7006806".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:17

## EAST Search History

S33	13	david.in. and chaohua.in. and wu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:19
S34	45	708/502.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:25
S35	11215	(FM or (frequency adj modulat\$3)) and quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:45
S36	183	((FM or (frequency adj modulat\$3)) and quadrature) and "708"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:26
S37	166	S36 and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:46
S38	116	S37 and error\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:46
S39	3	("4893316"   "5623521"   "5757858").PN. OR ("6002726"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 10:31
S40	3188	((demodulat\$ or de-modulat\$3 or (de adj modulat\$3)).ti. or (demodulat\$ or de-modulat\$3 or (de adj modulat\$3)).clm. or (demodulat\$ or de-modulat\$3 or (de adj modulat\$3)).ab.) and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:46
S41	2829	S40 and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:46

## EAST Search History

S42	1796	S41 and error\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:47
S43	1133	approximat\$3 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:47
S44	560	S43 and (invers\$3 or reciprocal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:48
S45	177	(FM.ti. or FM.clm. or FM.ab.) and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 10:48
S46	7	("4787056"   "5629885"   "6298368"   "6301598"   "RE35365").PN. OR ("6463452").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 10:51
S47	3	("4893316"   "5623521"   "5757858").PN. OR ("6002726").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 14:21
S48	549	(sap or (secondary adj audio adj program\$1)) and (FM or (frequency adj modulation))	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 14:22
S49	52	S48 and (band adj pass)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 14:23
S50	38	S49 and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 14:22
S51	62	((secondary adj audio adj program\$1)) and (FM or (frequency adj modulation))	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 14:22

## EAST Search History

S52	50	S51 and @ad<"20030730"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 14:22
S53	5	S52 and (band adj pass)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 16:00
S54	1	"20030085993"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 16:00